

Amendments to the Abstract:

Please replace the Abstract on page 27 with the following amended Abstract:

ABSTRACT

~~A method for determining~~ Determining the complexity of an enterprise information resource management system~~[[, the]]. The~~ enterprise information resource management system ~~being used to contain~~ contains an ontology into which a plurality of enterprise data assets are mapped~~[[, the]]. The~~ ontology ~~including~~ includes a plurality of model constructs~~[[, the]]. The~~ enterprise data assets ~~including~~ include a plurality of assets constructs~~[[,]] and [[the]] mappings~~ between the data assets and the ontology ~~including~~ include a plurality of mapping constructs; ~~including receiving (i) a~~ A number of ~~distinct~~ asset constructs, ~~denoted by~~ C_{ASSETS} ; ~~(ii) a number of distinct mapping constructs, denoted by~~ $C_{MAPPING}$; and ~~(iii) a number of distinct model constructs, denoted by~~ C_{MODELS} ; ~~evaluating a~~ are received. A metric of complexity, ~~denoted by~~ M , is evaluated for an enterprise information resource management system having a capacity corresponding to $C_{ASSETS} + C_{MAPPING} + C_{MODELS}$ ~~according to a formula~~

$$M = f(C_{ASSETS}, C_{MAPPING}, C_{MODELS}, X);$$

~~where f is a real-valued function of three or more real-valued parameters and X denotes optional~~ the number of asset constructs, the number of mapping constructs, and the number of model ~~constructs. The metric of complexity is evaluated based on a function value of the number of~~ asset constructs, the number of mapping constructs, and the number of model constructs and ~~specified additional parameters, and using the metric M within a transaction processing system,~~ for license of the enterprise information resource management system. A system and computer- ~~readable storage medium are also described and claimed.~~